

## 46871 to 46890—Continued.

nated soils. They are highly valued for districts where little or no other vegetation exists. The following descriptions, unless otherwise indicated, are adapted from Farmers' Bulletin 108, entitled "Saltbushes," by Dr. P. B. Kennedy.

**46874. ATRIPLEX CAMPANULATA Benth.**

A perennial, with a hard, almost woody stem and rather slender, procumbent branches extending to 1 or 2 feet, the whole plant being nearly glabrous or mealy white. It is closely related to *A. leptocarpa*, which it closely approaches in habit, foliage, and inflorescence. (Adapted from *Bentham, Flora Australiensis*, vol. 5, p. 177.)

**46875. ATRIPLEX HALIMOIDES Tineo.**

Mealy or gray saltbush. A low-growing, shrubby, robust perennial about 1 foot high, with variable, ovate-lanceolate leaves which are covered with whitish, dustlike scales. It is native to the central desert regions of Australia, and there it affords excellent forage for both sheep and cattle, which fatten remarkably well on it.

**46876. ATRIPLEX HOLOCARPA F. Muell.**

Annual saltbush. A low, densely branching annual about a foot high, with larger and fewer leaves than the Australian saltbush (*A. semibaccata*). The seeds are surrounded by a brown, fibrous spongy covering and are readily blown about by the wind, so that the plant can soon become widely disseminated. It made excellent growth, under adverse conditions, on the experiment grounds at Abilene, Tex. In spite of the worst drought that has ever been known in that part of Texas, this plant continued to mature leaves and seeds throughout the entire summer.

**46877. ATRIPLEX LEPTOCARPA F. Muell.**

Slender saltbush. A much-branched trailing perennial, the whole plant covered with a glaucous bloom. The leaves are variable in shape, but mostly oblong, and from 1 to 2 inches in length. In Australia it is sometimes found carpeting the ground over considerable areas. Von Mueller says that its drought-resistant qualities are remarkable.

**46878. ATRIPLEX NUMMULARIA Lindl.**

Round-leaved saltbush. A tall, shrubby perennial, sometimes reaching a height of 10 feet, and covered all over with downy, whitish scales. The leaves are mostly round, rather thick, and toothed along the margins. It is extensively planted and highly valued in central Australia, live stock being exceedingly fond of it, and its drought-resisting qualities are remarkable.

**46879. ATRIPLEX SEMIBACCATA R. Br.**

Australian saltbush. A vigorous, rapid-growing, much-branched perennial which forms a dense mat over the ground to the depth of 1 to 2 feet. The leaves are small, about an inch long, and coarsely toothed along the margins. This plant has been known to flourish on the poorest and most stubborn arid soil, so impregnated with alkali that no other useful plant could grow. It seems to have a re-